

Application No. 09/990109
Page 2

Amendment
Attorney Docket No. M112.2P-10064-US01

Amendments To The Specification:

Please amend the paragraphs beginning on page 13, line 26 as follows:

Using the method of the present invention, the resultant magnetic composition may be advantageously applied in a thin layer of about 0.002 inches to about 0.030 inches (about 50 μm to about 765 μm ; about 2 mils to about 30 mils), suitably about 0.002 inches to about 0.020 inches (about 50 μm to about 510 μm ; about 2 mils to about 20 mils) and most suitably about 0.002 inches to about 0.012 inches (about 50 μm to about 305 μm ; about 2 mils to about 12 mils) thick. The present invention allows for application of a thinner layer of the binder/magnetic mixture. Previous extrusion and calendering methods, in contrast, did not allow for magnetic layers of less than about 4 mils to about 8 mils, and often more than 10 mils.

Please amend the paragraph beginning on page 14, line 13 as follows:

The surface of the ribbon may also be contacted by a magnetizing roll which smooths, cools and magnetizes the ribbon(s). When this is done while the ribbon is still fluid, it provides an enhanced magnetic effect known as alignment. The ribbon may be applied at a thickness of between about 0.002 inches and to about 0.020 inches (about 50 μm to about 510 μm).

Please amend the paragraph beginning on page 22, line 18 as follows:

Amorphous polypropylene P #1023 supplied by the Eastman Chemical Co. was mixed with HM 410 Starbond ferrite powder supplied by Hoosier Magnetics in amounts of 85 wt-% polypropylene and 15 wt-% of the ferrite powder. The resultant mixture was processed at a temperature of between about 325 °F and 375 °F (about 165 °C to about 190 °C) and formed into ribbons using an extruder/slot die head on a printable paper substrate. The thickness of the mixture was varied between about 0.003 and 0.012 inches (~~μ -to- μ~~ about 76 :m to about 305 :m).